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Application No.: 10/684,382

2001P07203US01
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The text of all pending claims (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (cancelled)
2. (currently amended) The method according to claim [[1]] 8, wherein communication between ~~the~~ buses and display units takes place on a different frequency than a frequency used for communication between ~~at least one~~ the central unit and the buses and display units.
3. (previously presented) The method according to claim 2, wherein communication between the buses and display units takes place in the infrared range.
4. (currently amended) The method according to claim [[1]] 8, wherein communication between ~~the~~ buses and display unit takes place on the same frequency as is used for communication between ~~at least one~~ the central unit and the buses and display units, and transmitter power for communication between the buses and display unit is reduced such that range is limited to an immediate environment of a bus.
5. (currently amended) The method according to claim [[1]] 8, wherein the second information unit contains a field that specifies a type of prioritized processing.
6. (currently amended) The method according to claim [[1]] 8, wherein the key code transmitted with the first information unit comprises information indicating a type of prioritized processing.

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7. (currently amended) The method according to claim [[1]] 8, further comprising expending the key code in the display unit after a prioritized processing is completed.

8. (new) A method for prioritized processing of information transmitted via wireless communication between centers and buses and display units of a traffic control system, comprising:

communicating a first information unit assigned to a predetermined bus from a central unit to the predetermined bus;

communicating a first information unit assigned to a predetermined display unit at a bus stop from the central unit to the predetermined display unit;

displaying at the predetermined display unit bus destination information included in the first information unit assigned to the predetermined display unit;

establishing communication between the predetermined bus and the predetermined display unit via a second information unit;

determining if the predetermined display unit has previously received a key code transmitted with the first information unit assigned to the predetermined display unit;

determining if the key code previously received by the predetermined display unit corresponds to another key code contained in the second information unit;

processing information contained in the second information unit with priority by the predetermined display unit if the previously received key code corresponds to the another key code contained in the second information unit; and

based on the information contained in the second information unit, deleting the bus destination information from the predetermined display unit.